Applicant(s): Takeshi Matsumoto et al. Attorney Docket No.: 66501-013US1

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## Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

## Listing of Claims:

1. (Currently amended) A catalyst for purifying exhaust gases, comprising a catalytic component including copper, ZSM-5, and  $\beta$  zeolite; wherein the ZSM-5 has a SiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub> molar ratio of (20 - 100)/1 and an average crystal diameter observed under an electron microscope in a range not exceeding 0.5  $\mu$ m, the  $\beta$  zeolite has a SiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub> molar ratio of (10 - 50)/1, and the weight ratio of the ZSM-5 and the  $\beta$  zeolite is in the range of 1: 0.1 - 1: 5.

## 2-3. (Cancelled)

- 4. (Previously presented) A catalyst according to claim 1, wherein the copper is deposited on both of the ZSM-5 and the  $\beta$  zeolite.
- 5. (Currently amended) A catalyst according to claim 1, wherein, on a refractory three-dimensional structure, the zeolite is deposited in the range of 70 300 g and the copper is deposited in the state of oxide in the range of 3 30 g on a refractory three-dimensional structure; per liter thereof of the refractory three-dimensional structure.
- (Previously presented) A catalyst according to claim 1 further comprising at least one element selected from the group consisting of phosphorus, cerium, and boron.

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7. (Currently amended) A process for purifying an exhaust gas, which comprises treating an exhaust gas from a diesel engine by the use of with a catalyst set forth in

claim 1.

8. (Cancelled)

9. (Currently amended) A catalyst according to claim[[2]] 1, wherein the copper is deposited on both of the ZSM-5 and the  $\beta$  zeolite.

- 10. (Currently amended) A catalyst according to claim [[3]] 1, wherein the copper is deposited on both of the ZSM-5 and the  $\beta$  zeolite.
- 11. (Currently amended) A catalyst according to claim [[2]] L, wherein, on a refractory three-dimensional structure, the zeolite is deposited in the range of 70 300 g and the copper is deposited in the state of oxide in the range of 3 30 g on a refractory three-dimensional structure, per liter thereof of the refractory three-dimensional structure.
- 12. (Currently amended) A catalyst according to claim [[3]] 1, wherein, on a refractory three-dimensional structure, the zeolite is deposited in the range of 70 300 g and the copper is deposited in the state of oxide in the range of 3 30 g on a refractory three-dimensional structure, per liter thereof of the refractory three-dimensional structure.
- 13. (Currently amended) A catalyst according to claim 4, wherein, on a refractory three-dimensional structure, the zeolite is deposited in the range of 70 300 g and the copper is deposited in the state of oxide in the range of 3 30 g on a refractory three-dimensional structure, per liter thereof of the refractory three-dimensional structure.

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14. (Currently amended) A catalyst according to claim [[2]] 1 further comprising at least one element selected from the group consisting of phosphorus, cerium, and boron.

- 15. (Currently amended) A catalyst according to claim [[3]] 1 further comprising at least one element selected from the group consisting of phosphorus, cerium, and boron.
- 16. (Previously presented) A catalyst according to claim 4 further comprising at least one element selected from the group consisting of phosphorus, cerium, and boron.
- 17. (Previously presented) A catalyst according to claim 5 further comprising at least one element selected from the group consisting of phosphorus, cerium, and boron.
- 18. (Currently amended) A process for purifying an exhaust gas, which comprises treating an exhaust gas from a diesel engine by the use of with a catalyst set forth in claim [[2]] 1.
- 19. (Currently amended) A process for purifying an exhaust gas, which comprises treating an exhaust gas from a diesel engine by the use of with a catalyst set forth in claim [[3]] 1.
- 20. (Currently amended) A process for purifying an exhaust gas, which comprises treating an exhaust gas from a diesel engine by the use of with a catalyst set forth in claim 4.
- 21. (Currently amended) A process for purifying an exhaust gas, which comprises treating an exhaust gas from a diesel engine by the use of with a catalyst set forth in claim 5

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22. (Currently amended) A process for purifying an exhaust gas, which comprises treating an exhaust gas from a diesel engine by the use of with a catalyst set forth in claim 6.